

Method and Apparatus for Photosensitized Ultraviolet  
Decontamination of Surfaces and Aerosol Clouds

Inventor: Randy Dale Curry

42173-010102CO1US

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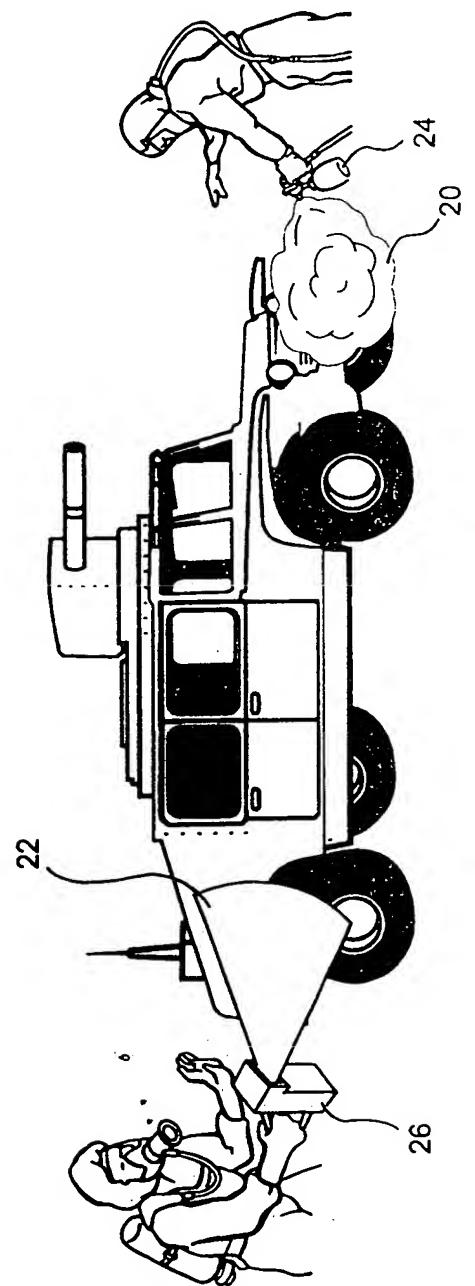


Fig. 1

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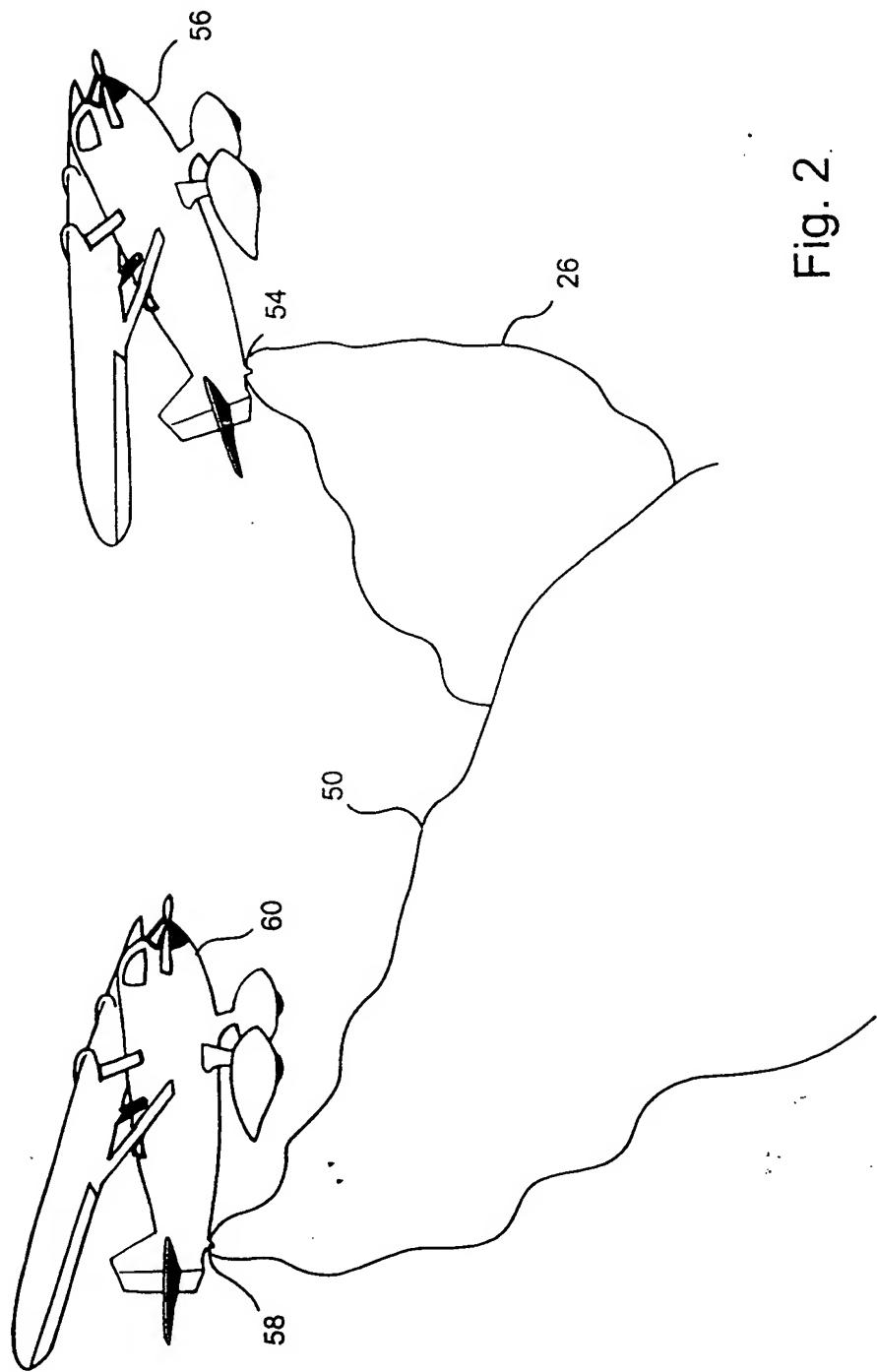


Fig. 2

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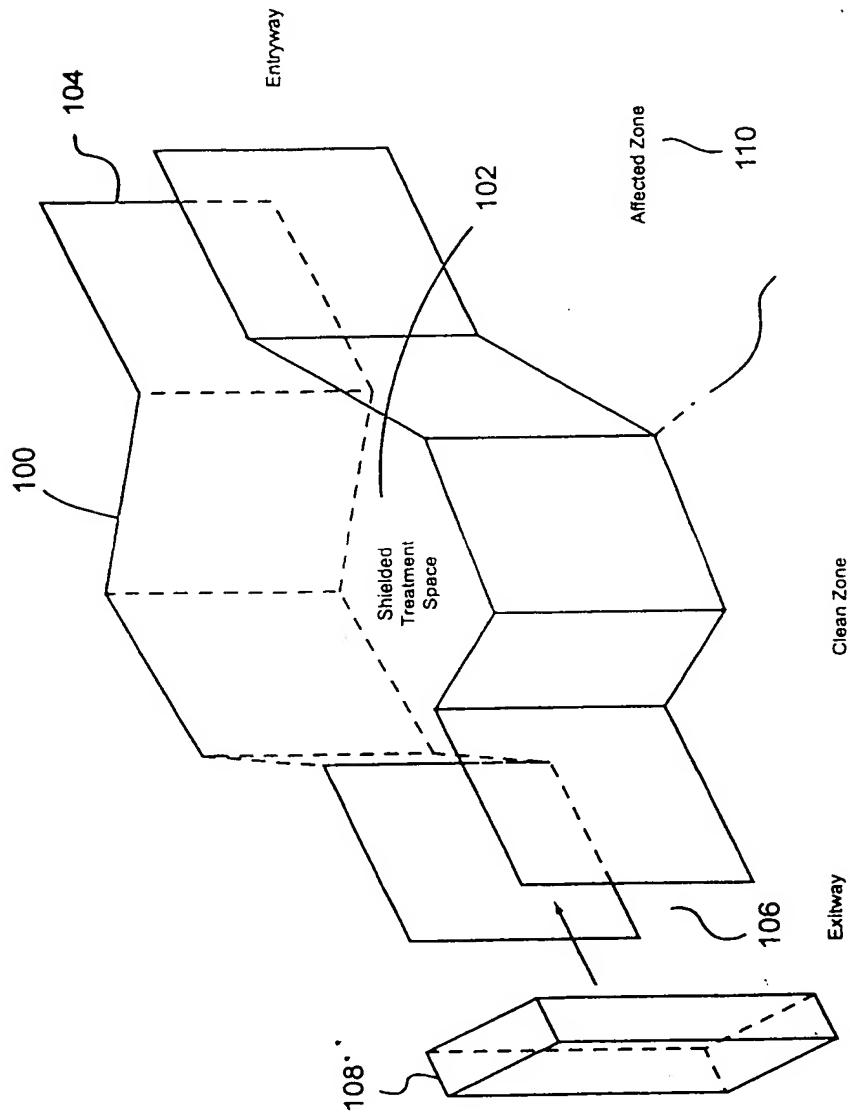


Fig. 3

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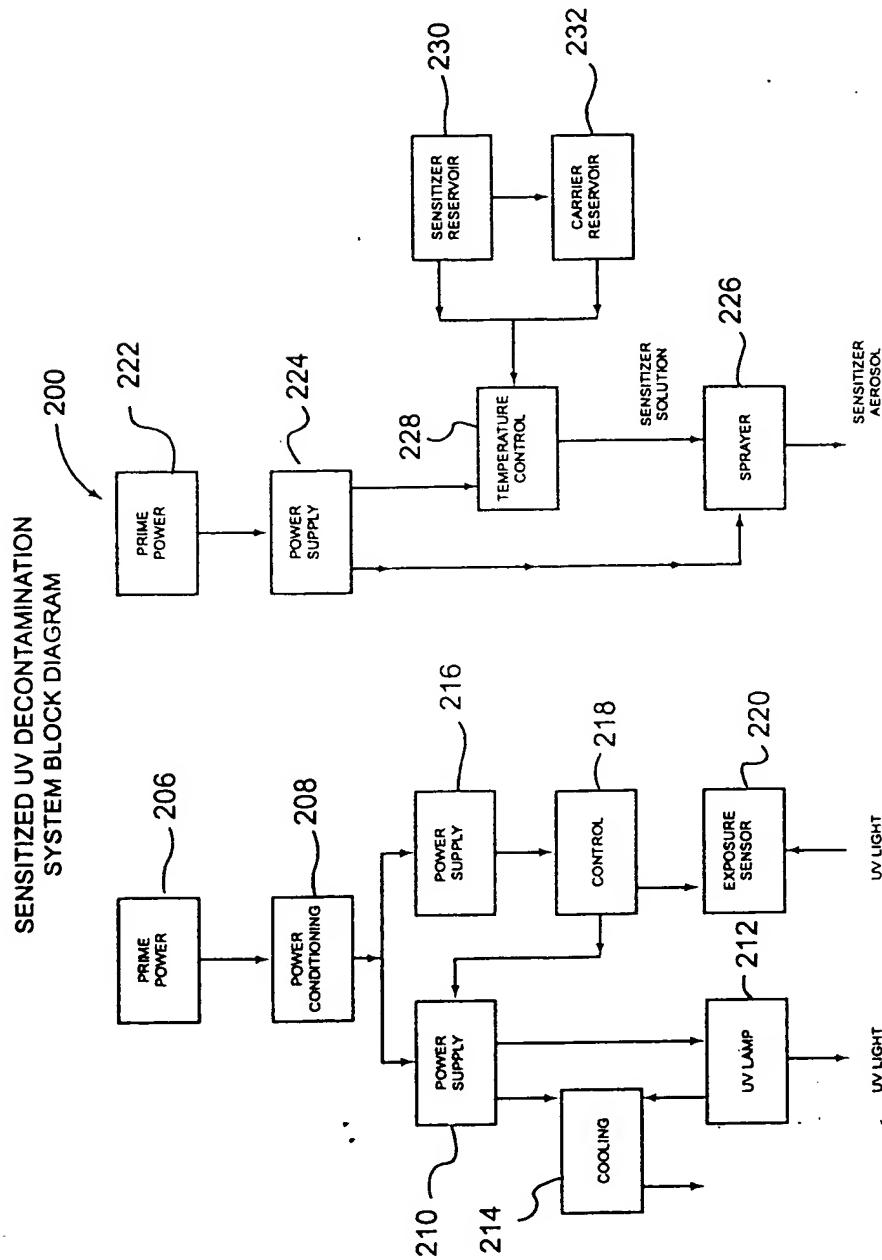


Fig. 4

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SENSITIZED UV DECONTAMINATION  
SYSTEM BLOCK DIAGRAM

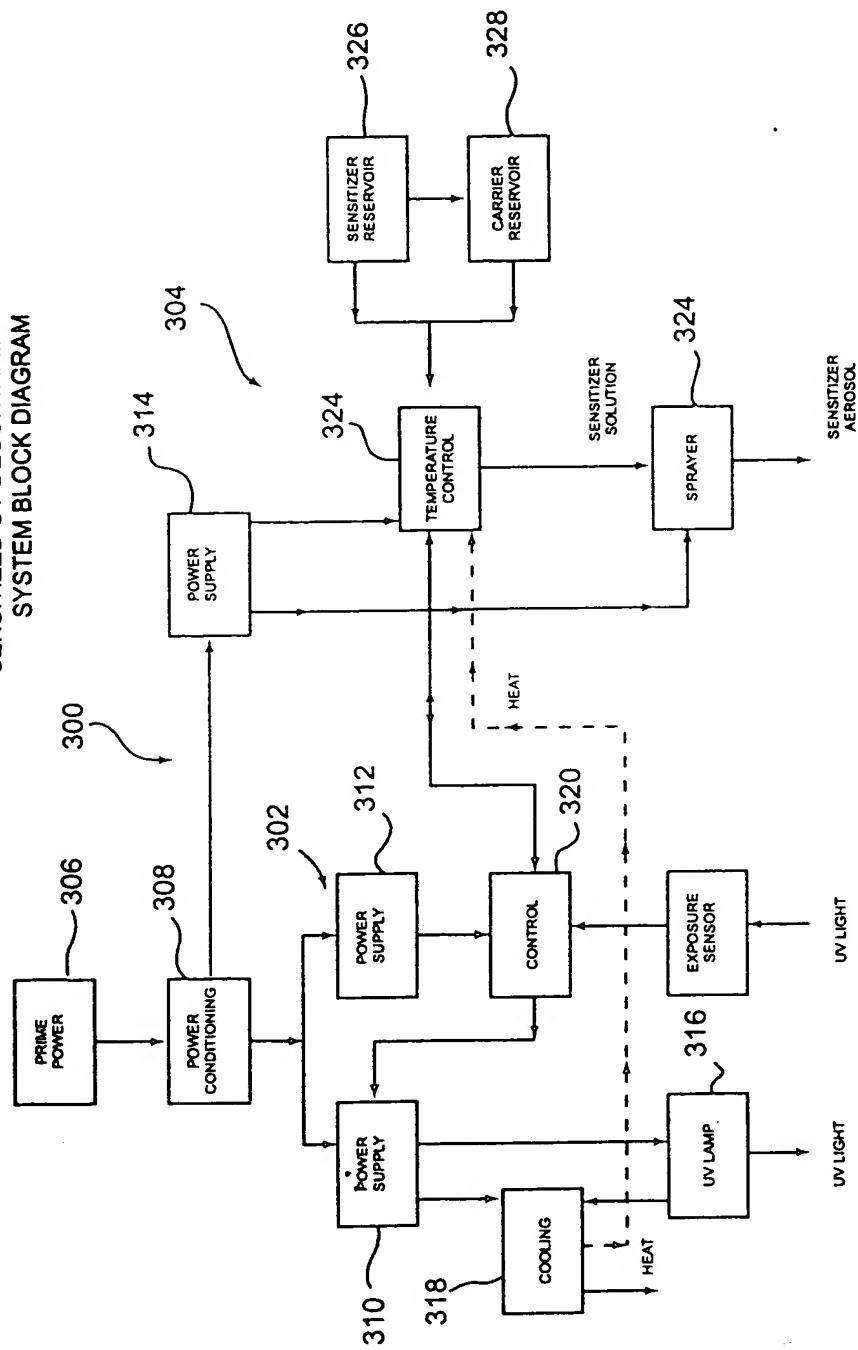


Fig. 5

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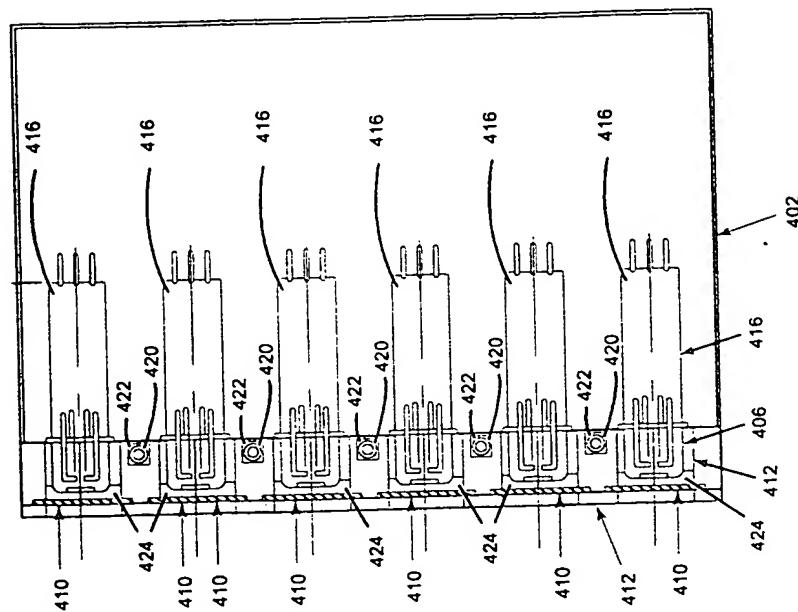


Fig. 6B

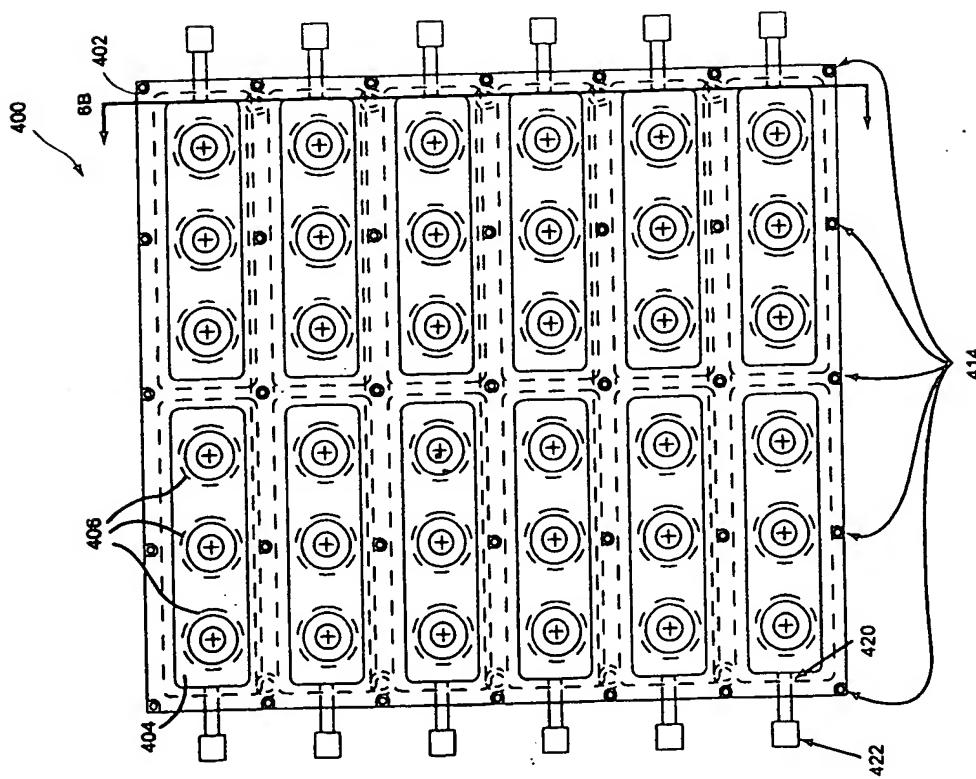


Fig. 6A

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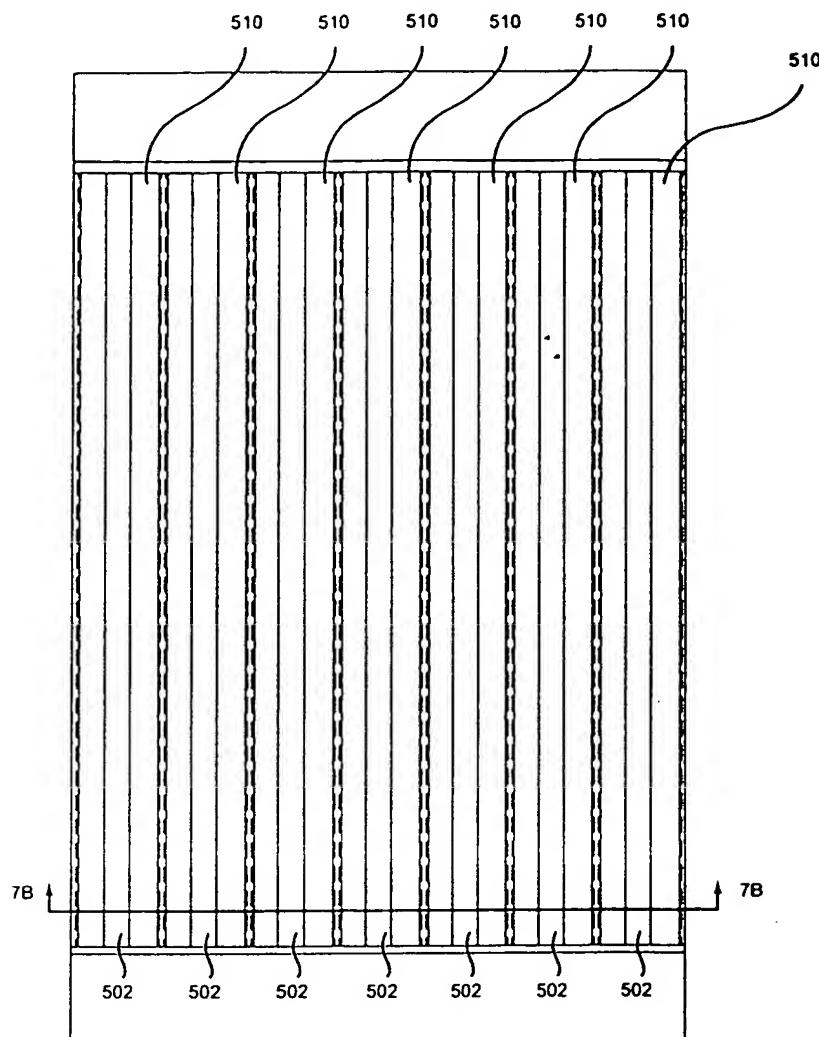


Fig. 7A

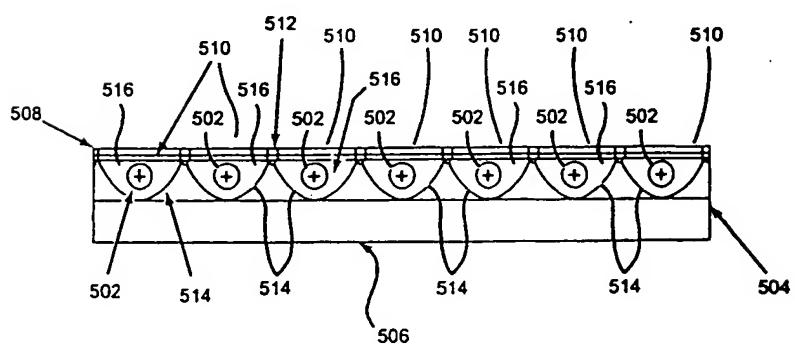


Fig. 7B

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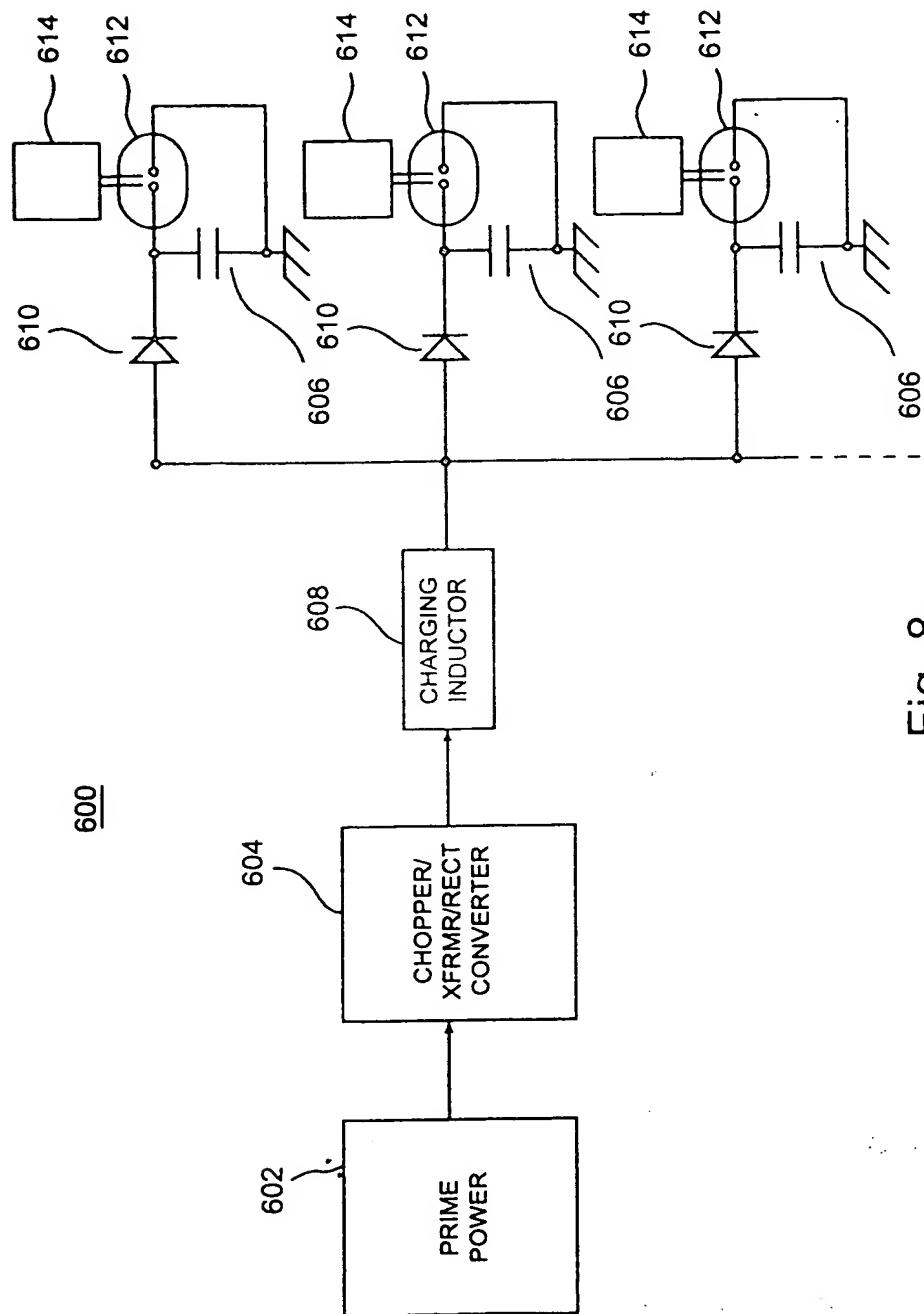


Fig. 8

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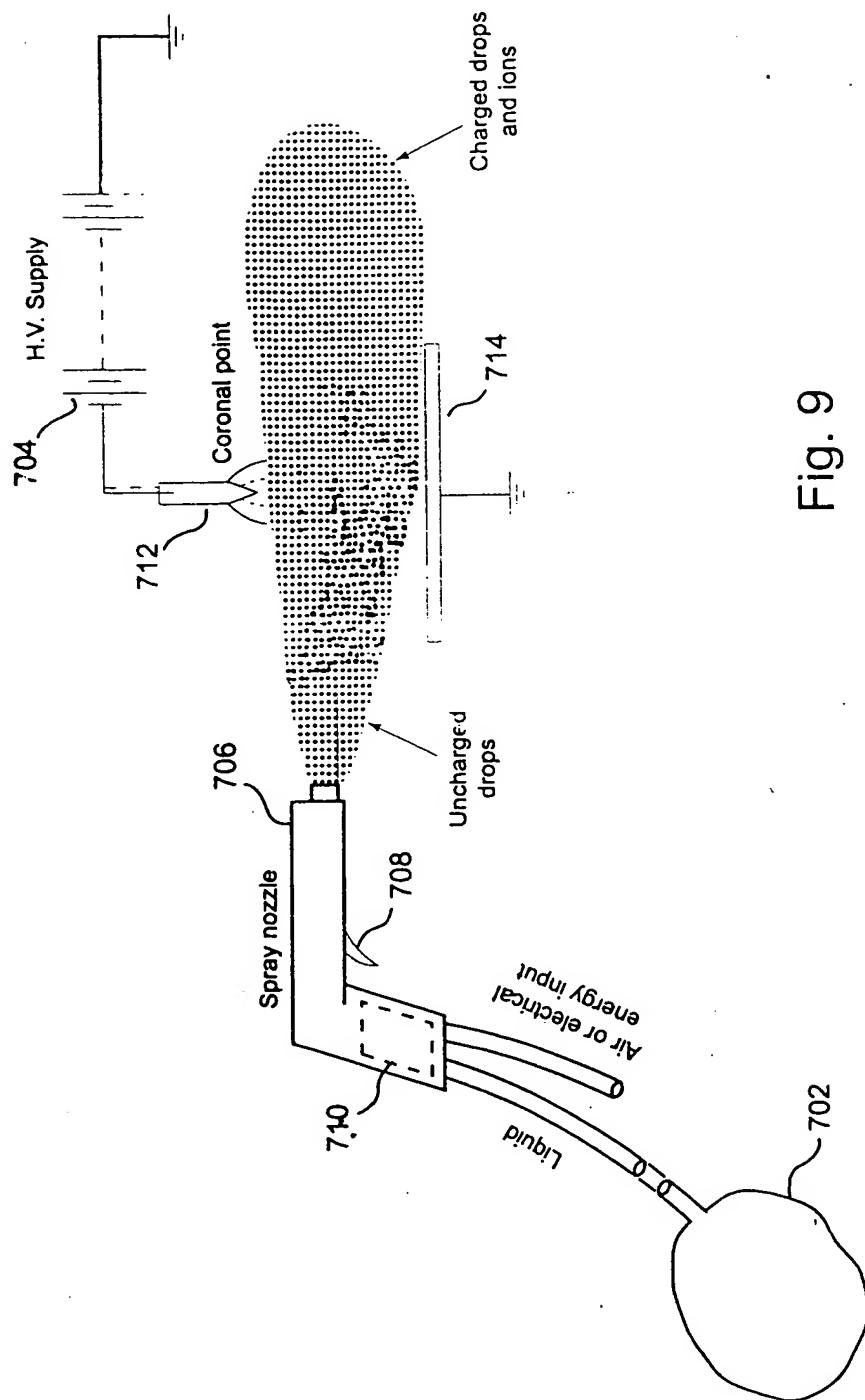


Fig. 9

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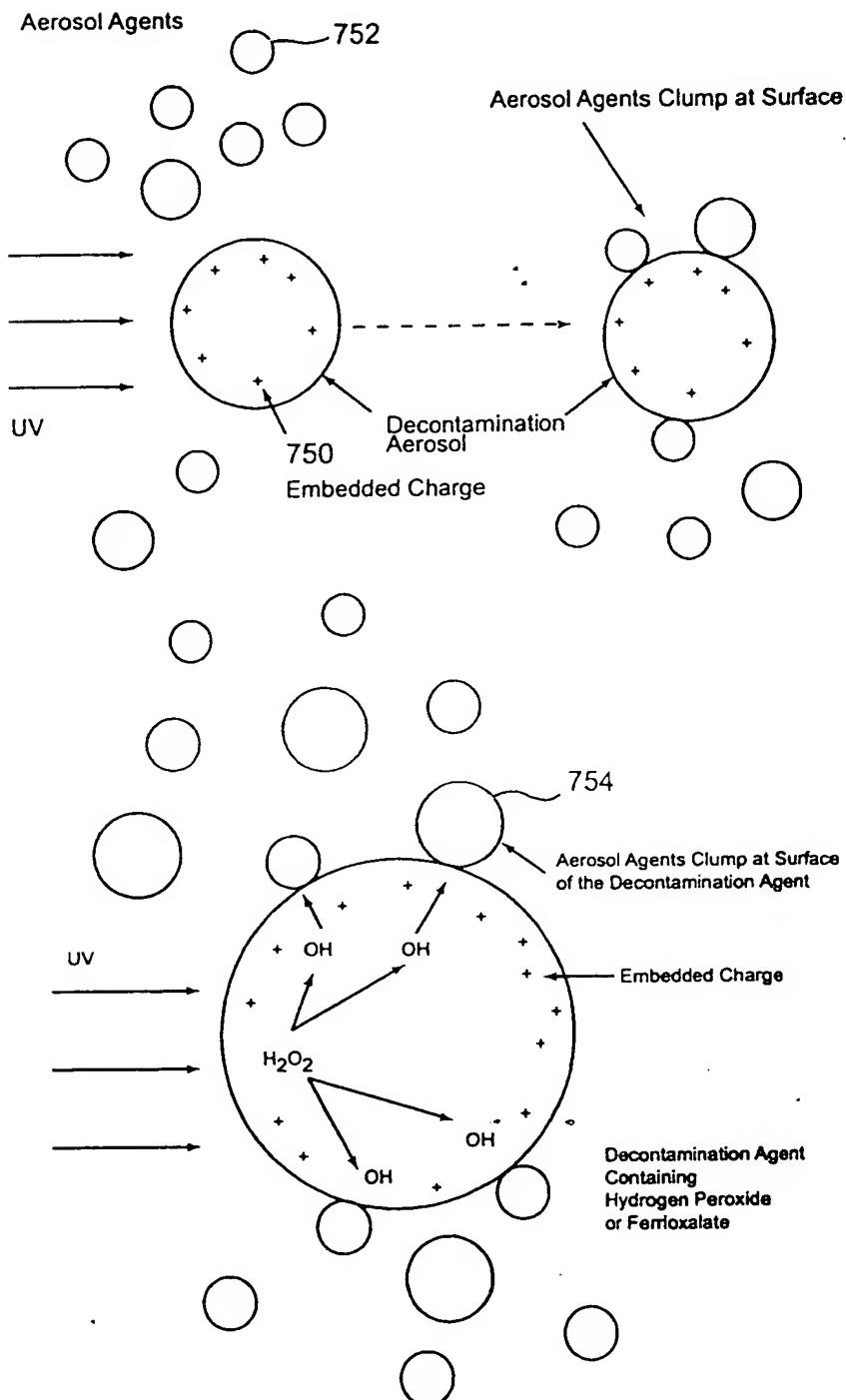


Fig. 10

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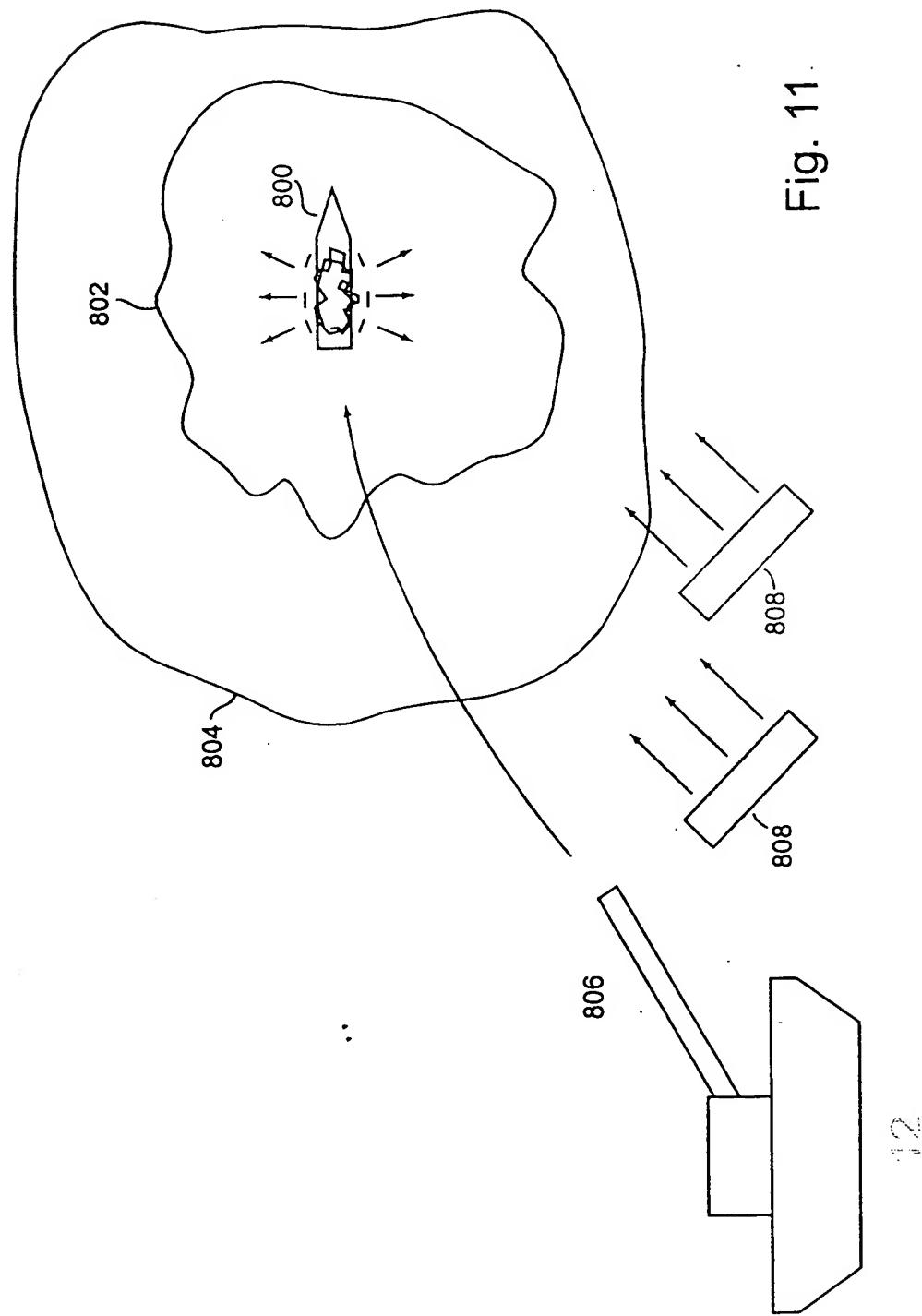


Fig. 11

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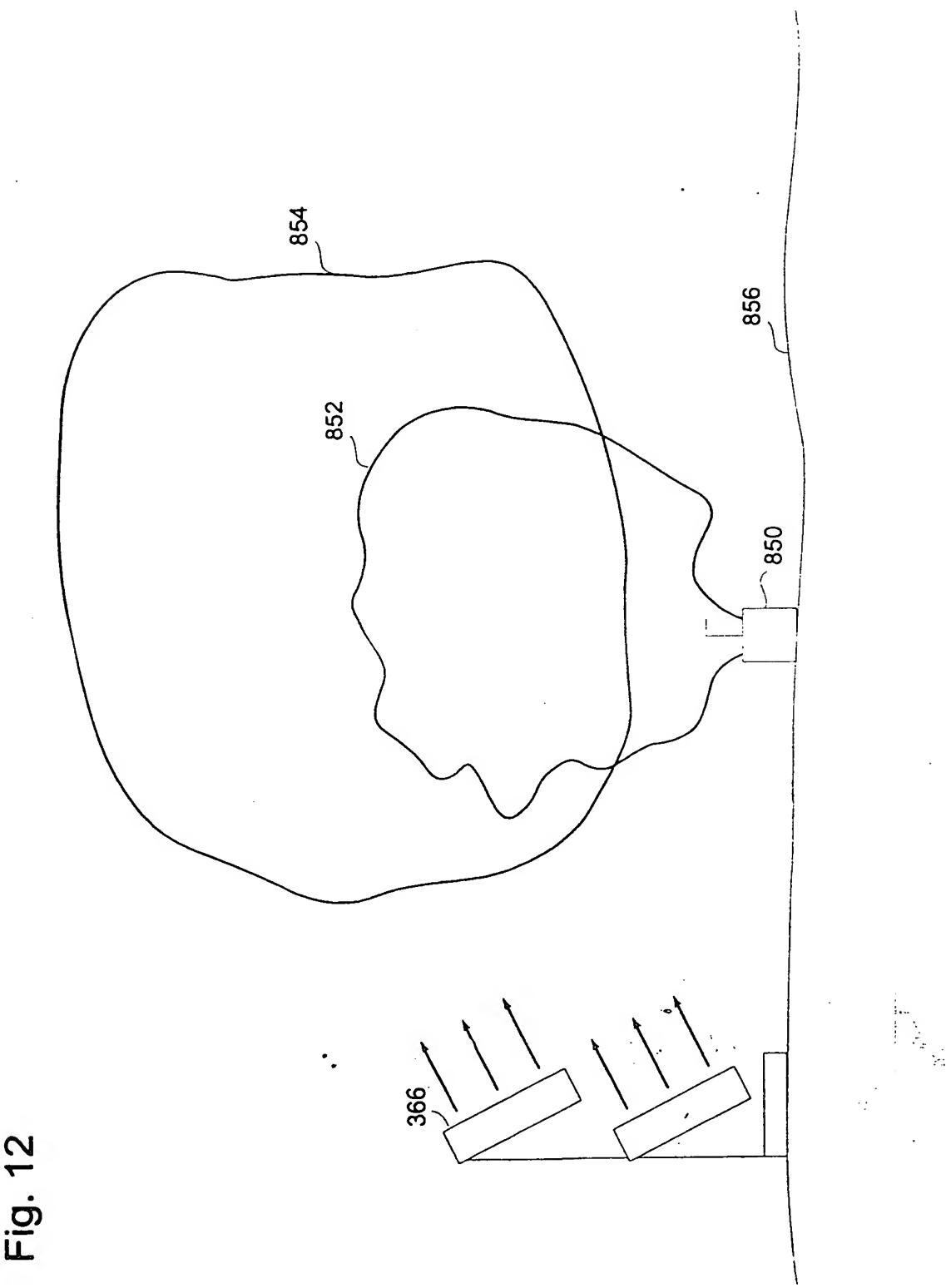


Fig. 12

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Inactivation of JC5088 (recA)  
in the presence (●) and absence (○)  
of 5mM H<sub>2</sub>O<sub>2</sub> at various NUV  
wavelengths

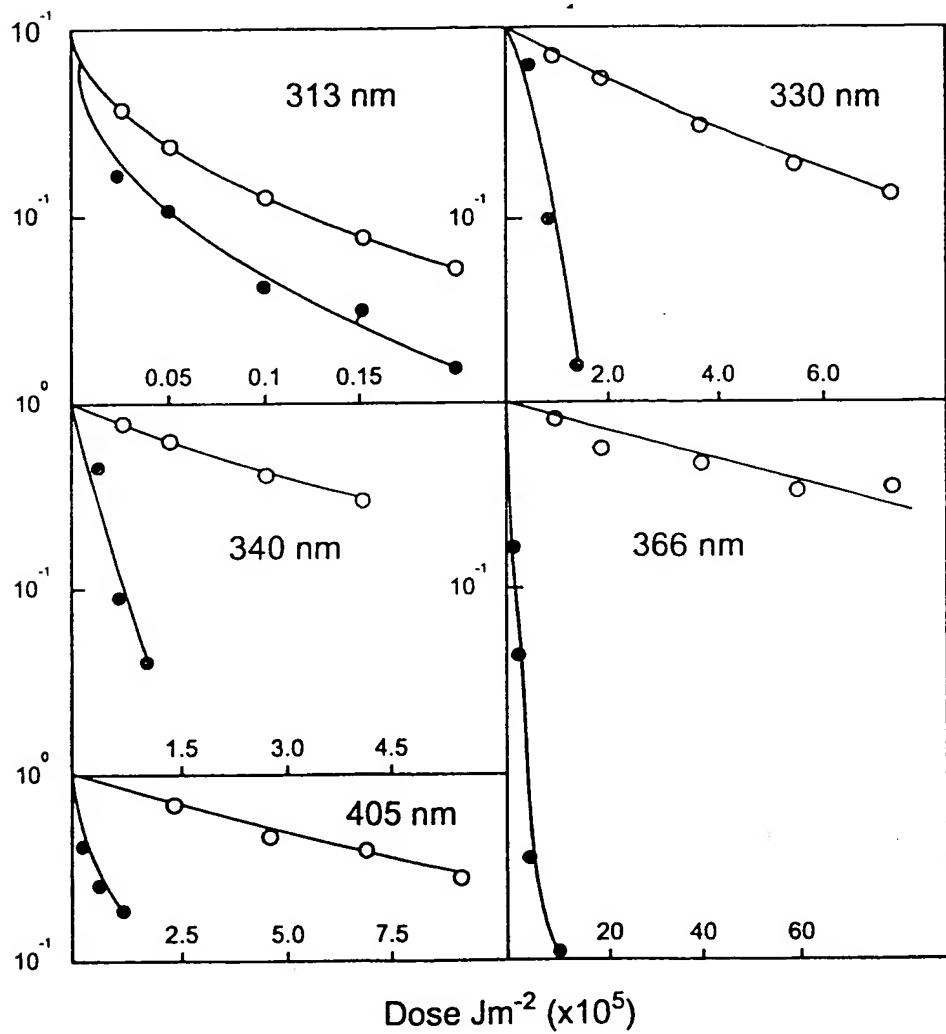


Fig. 13

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